CLAIMS

What is claimed is:

[c01] A method of providing communications services, comprising the steps of:

determining a state of an Internet Protocol communications device; and

reconfiguring call routing information based upon the state of the Internet Protocol communications device.

[c02] A method according to claim 1, wherein the step of determining the state of the Internet Protocol communications device comprises determining whether the Internet Protocol communications device fails to respond to a communication.

[c03] A method according to claim 2, further comprising the step of:

if the Internet Protocol communications device fails to respond to the communication, then reconfiguring the call routing information based upon at least one of i) network-defined logic and ii) subscriber-defined logic.

[c04] A method according to claim 1, further comprising the step of reconfiguring the call routing information based upon network-defined logic.

[c05] A method according to claim 1, further comprising the step of reconfiguring the call routing information based upon a subscriber profile.

[c06] A method according to claim 1, wherein the step of determining the state of the Internet Protocol communications device comprises polling the Internet Protocol communications device.

[c07] A method of providing communications services, comprising the steps of:

polling an Internet Protocol communications device to determine if a signaling path exists in a Voice-Over Internet Protocol communications network; and

if the signaling path fails to exist, then reconfiguring call routing information based upon at least one of i) network-defined logic and ii) subscriber-defined logic,

wherein the call routing information is reconfigured based upon an availability of the Internet Protocol communications device.

[c08] A method of providing communications services, comprising the steps of:

polling an Internet Protocol communications device to determine if a signaling path exists in a Voice-Over Internet Protocol communications network; and

if a response is not received within a specified time, then reconfiguring call routing information based upon at least one of i) the network-defined logic and ii) the subscriber-defined logic,

wherein the call routing information is reconfigured based upon an availability of the Internet Protocol communications device.

[c09] A system, comprising:

a Communications Module stored in a memory device, and a processor communicating with the memory device;

the Communications Module determining a state of an Internet Protocol communications device and reconfiguring call routing information based upon the state of the Internet Protocol communications device.

[c10] A computer program product, comprising:

a computer-readable medium; and

a Communications Module stored on the computer-readable medium, the Communications Module determining a state of an Internet Protocol communications device and reconfiguring call routing information based upon the state of the Internet Protocol communications device.